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JUN 15 2007

DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATIONPATENT APPLICATION  
ATTORNEY DOCKET NO.: MC1-8346

## DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention Cavity Ring-Down Sensing Apparatus and Methods the specification of which

is attached hereto

X

was filed on 15 September 2006 as Application Serial No. 10/593,219  
and was amended on \_\_\_\_\_. (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

## Prior Provisional Application(s):

I hereby claim priority benefits under Title 35, United States Code, §119(e) of any provisional application(s) listed below and have also identified below any provisional application(s) having a filing date before that of the application on which priority is claimed:

Application Serial No.	Filing Date (MM/DD/YYYY)	Priority Claimed
		<input type="checkbox"/> Yes <input type="checkbox"/> No

## Prior U.S. Application(s):

I hereby claim the benefit under United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, of this application:

Application Serial No.	Filing Date (MM/DD/YYYY)	(Status-patented, pending, abandoned)

## Foreign Application(s) and/or Claim of Foreign Priority:

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor(s) rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed:

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?
PCT/GB2005/050036		03/15/2005	<input type="checkbox"/>	YES: <input type="checkbox"/> NO: <input type="checkbox"/>
0405820.2	GB	03/15/2004	<input type="checkbox"/>	YES: <input type="checkbox"/> NO: <input checked="" type="checkbox"/>

**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION****PATENT APPLICATION  
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I hereby appoint as principal attorneys: Christopher P. Harris, Reg. No. 43,660; and Gary J. Pitzer, Reg. No. 39,334 each with full power to prosecute this application, to transact all business in the United States Patent and Trademark Office connected therewith, and to appoint and revoke associate and substitute associate attorneys.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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Date: 11/06/07